

WHAT IS CLAIMED IS:

1. A subcutaneous infusion device, comprising:
a delivery tube including a central lumen, a closed first end and an
5 open second end;
a support base attached adjacent a first end of the delivery tube;
and
a plurality of needles extending substantially perpendicular to the
support base and in communication with the central lumen of the delivery tube.
10
2. The device of claim 1 further comprising a luer fitting attached to
the second end of the delivery tube.
3. The device of claim 1 wherein the support base comprises a
15 flexible planar base.
4. The device of claim 1 wherein the needles are sized to allow a flow
rate of approximately 120 to 200 cc/hr.
- 20 5. The device of claim 1 further comprising an adhesive disposed on
an application side of the support base.
6. The device of claim 1 wherein a communication end of the needles
extend into the central lumen of the delivery tube.
25
7. The device of claim 1 wherein at least two of the needles are
configured in parallel.
8. The device of claim 1 wherein the at least two of the needles are
30 configured in series.

9. A method for hydrating a patient, the method comprising:
pressing a support base against a skin surface of the patient;
inserting a plurality of needles into a subcutaneous skin layer
5 responsive to the pressing;
delivering a fluid to the subcutaneous skin layer through the
needles via a delivery tube.
10. The method of claim 9 wherein the fluid is a saline fluid.
11. The method of claim 9 wherein the fluid is therapeutic.
12. A method for treating a skin ulcer, the method comprising:
pressing a support base against a skin surface substantially adjacent the ulcer;
15 inserting a plurality of needles into a subcutaneous skin layer
responsive to the pressing;
delivering a fluid to the subcutaneous skin layer through the
needles via a delivery tube
13. The method of claim 12 wherein the fluid is a saline fluid.
14. The method of claim 12 wherein the fluid is therapeutic.